figure 1

figure 2
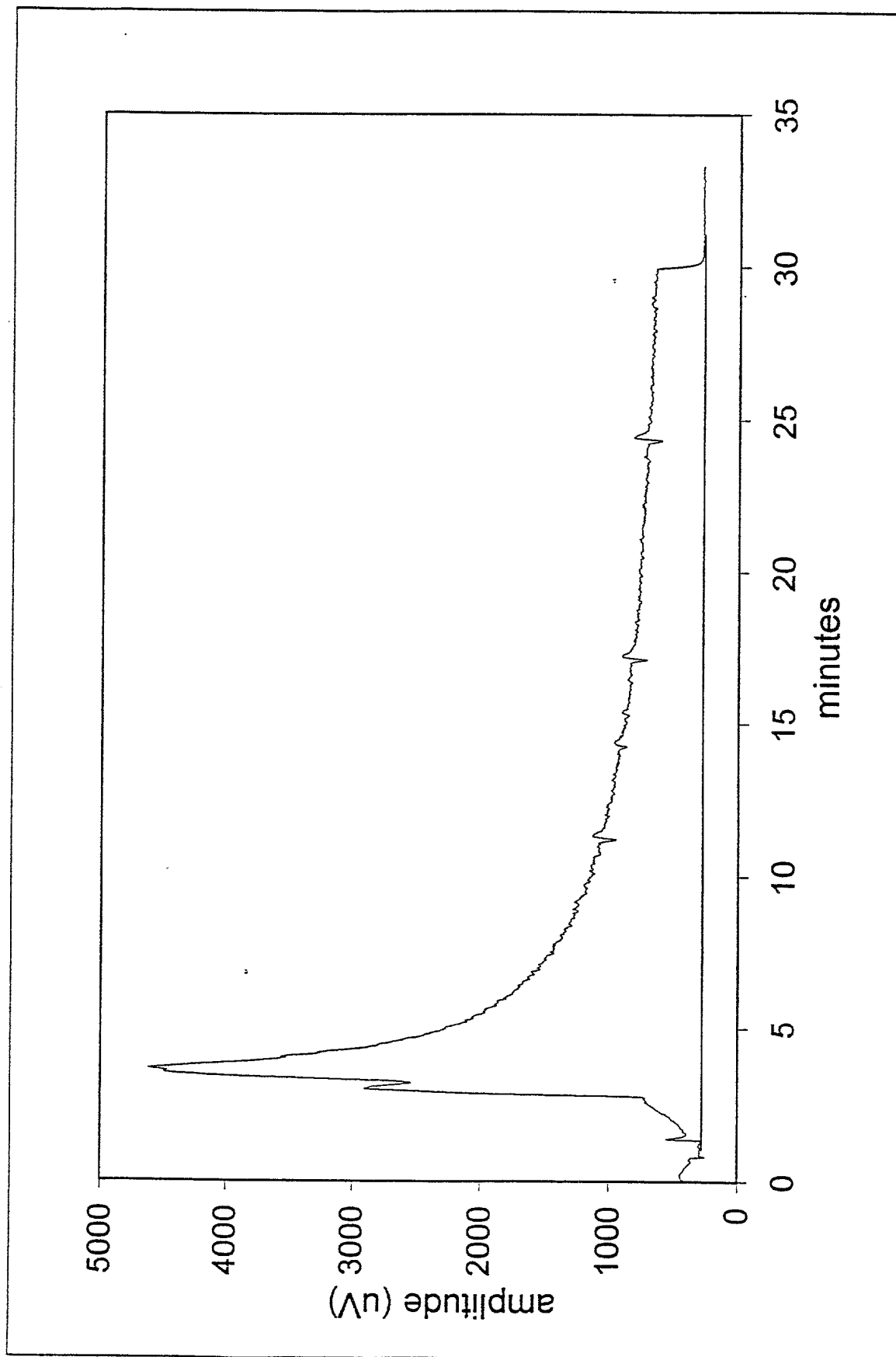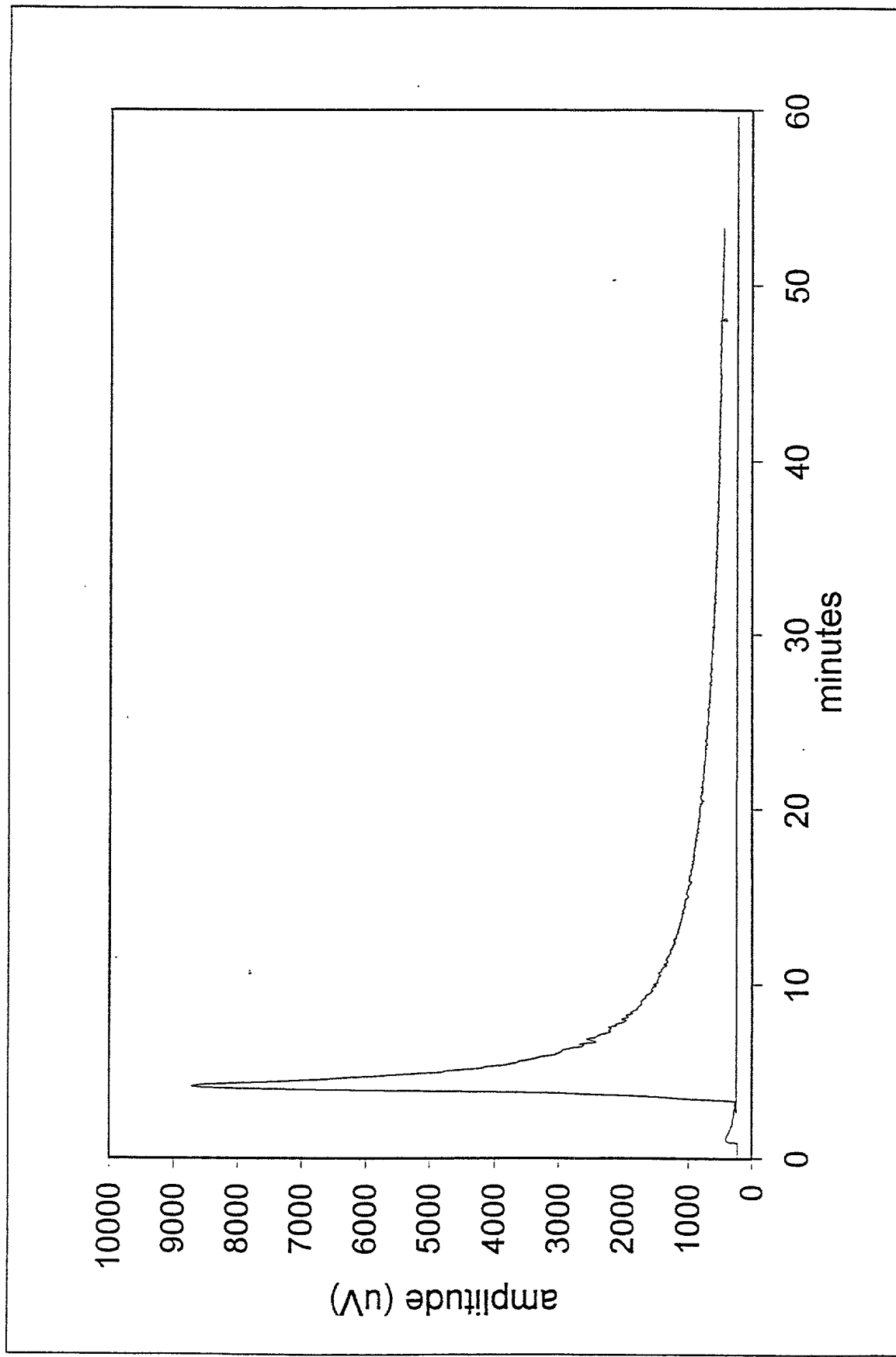
figure 3